

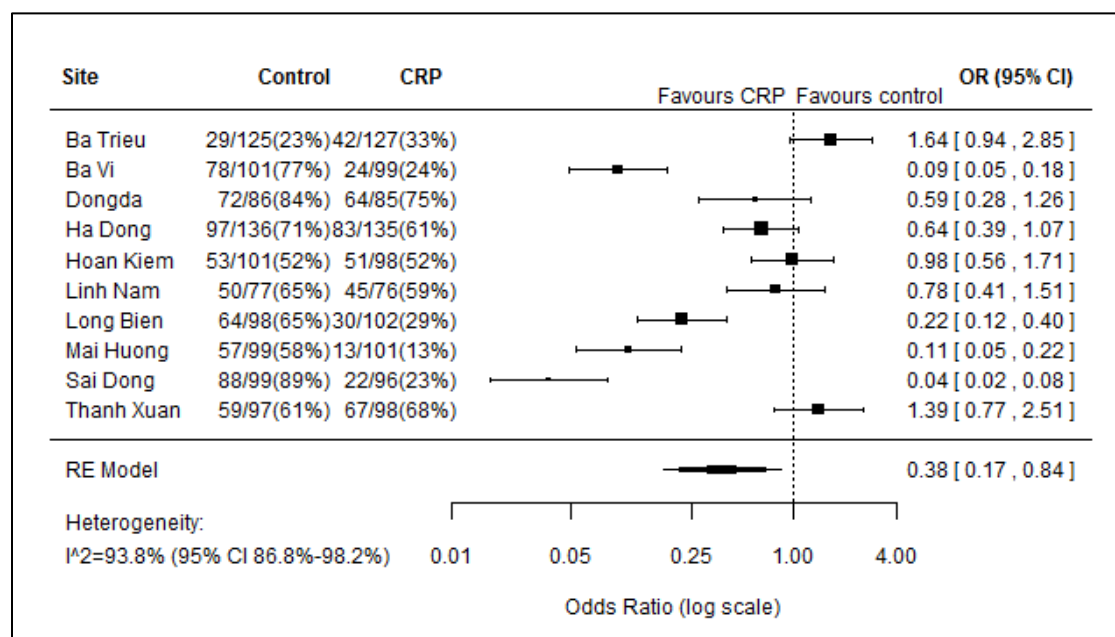
# THE LANCET Global Health

## Supplementary appendix

This appendix formed part of the original submission and has been peer reviewed.  
We post it as supplied by the authors.

Supplement to: Do NTT, Ta NTD, Tran NTH, et al. Point-of-care C-reactive protein testing to reduce inappropriate use of antibiotics for non-severe acute respiratory infections in Vietnamese primary health care: a randomised controlled trial. *Lancet Glob Health* 2016; published online Aug 2. [http://dx.doi.org/10.1016/S2214-109X\(16\)30142-5](http://dx.doi.org/10.1016/S2214-109X(16)30142-5).

Supplementary Figure 1. Impact of CRP testing on immediate AB prescriptions on day 0 – Random effects meta-analysis by site



Supplementary Table 1. Inclusion and exclusion criteria

	All patient	1-5 years old	6-15 years old	>15 years old
Inclusion criteria	<p>Having at least one of the following focal and systemic signs/symptoms lasting for less than 2 weeks:</p> <p>Focal signs/symptoms:</p> <ul style="list-style-type: none"> <li>cough</li> <li>rhinitis</li> <li>pharyngitis</li> <li>shortness of breath</li> <li>wheezing</li> <li>chest pain</li> <li>auscultation abnormalities</li> </ul>	<ul style="list-style-type: none"> <li>Fever duration <math>\geq 24</math> hours<sup>16</sup></li> </ul>	<ul style="list-style-type: none"> <li>No additional criteria</li> </ul>	<p>No additional criteria</p>

	Systemic signs/symptoms: <ul style="list-style-type: none"> <li>• fever</li> <li>• perspiring</li> <li>• headache</li> <li>• myalgia</li> <li>• feeling generally unwell</li> </ul>			
Exclusion criteria	Any of: <ul style="list-style-type: none"> <li>• Severe respiratory disease</li> <li>• New confusion</li> <li>• Convulsions</li> <li>• Pregnancy</li> <li>• Disease/symptom requiring hospital referral</li> <li>• Immunosuppressed patients (HIV, long term steroid use)</li> <li>• Suspicion of tuberculosis</li> <li>• Liver disease</li> <li>• Medical history: neoplastic disease, congestive cardiac failure, chronic obstructive pulmonary disease, insulin-dependent diabetes or renal disease</li> <li>• No access to telephone</li> <li>• Not able to come for follow up visit on day 4 (<math>\pm 1</math>)</li> <li>• Symptoms present for more than 2 weeks</li> <li>• Already taken antibiotics at the time of presentation</li> </ul>	Any of: <ul style="list-style-type: none"> <li>• Respiratory rate <math>\geq 40</math> breaths/min</li> <li>• Unable to feed/drink</li> <li>• Hypothermia</li> <li>• Vomiting</li> </ul>	Any of: <ul style="list-style-type: none"> <li>• Respiratory rate <math>\geq 30</math> breaths/min</li> <li>• Temperature <math>\leq 35^{\circ}\text{C}</math> or <math>\geq 40^{\circ}\text{C}</math></li> <li>• Pulse of <math>\geq 125/\text{min}</math></li> </ul>	Any of <ul style="list-style-type: none"> <li>• Respiratory rate <math>\geq 30</math> breaths/min</li> <li>• Systolic blood pressure <math>&lt; 90</math> mmHg</li> <li>• Diastolic blood pressure <math>&lt; 60</math> mmHg</li> <li>• Temperature <math>\leq 35^{\circ}\text{C}</math> or <math>\geq 40^{\circ}\text{C}</math></li> <li>• Pulse of <math>\geq 125/\text{min}</math></li> </ul>

Supplementary Table 2. CRP levels at enrolment versus immediate antibiotic prescription

	All patients (n=1017)	<6 years old (n=141)	6-15 years-old (n=369)	Adults (n=507)
CRP day 0	events/n (%)	events/n (%)	events/n (%)	events/n (%)
≤10 mg/L	257/758(33·9%)	28/81(34·6%)	83/268(31·0%)	146/409(35·7%)
11-20 mg/L	68/133(51·1%)	14/26(53·8%)	29/57(50·9%)	25/50(50·0%)
21-50 mg/L	91/101(90·1%)	25/28(89·3%)	29/31(93·5%)	37/42(88·1%)
>50 mg/L	25/25(100·0%)	6/6(100·0%)	13/13(100·0%)	6/6(100·0%)